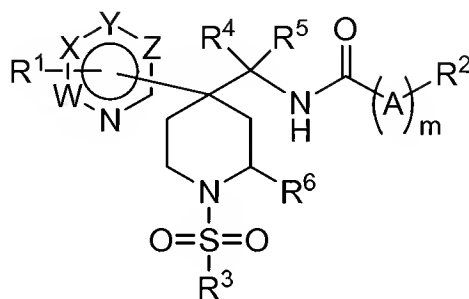


Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A compound of the formula I:



I

wherein:

R¹ is selected from one or more of the groups consisting of:

- (1) hydrogen,
- (2) C₁-6alkyl, which is unsubstituted or substituted with 1-6 halogen, hydroxy or phenyl,
- (3) -O-C₁-6alkyl,
- (4) halogen,
- (5) phenyl, which is substituted with R^{2a}, R^{2b} and R^{2c},
- (6) heterocycle, which is substituted with R^{2a}, R^{2b} and R^{2c},
- (7) -CN,
- (8) -CO₂R⁹,

wherein R⁹ is independently selected from:

- (a) hydrogen,
- (b) -C₁-6alkyl, which is unsubstituted or substituted with 1-6 fluoro,
- (c) benzyl, and
- (d) phenyl,

(9) $-\text{SO}_2\text{R}^9$,

(10) $-\text{SO}_2-\text{NR}^{10}\text{R}^{11}$,

wherein R^{10} and R^{11} are independently selected from:

(a) hydrogen,

(b) $-\text{C}_{1-6}\text{alkyl}$, which is unsubstituted or substituted with hydroxy, 1-6 fluoro or $-\text{NR}^{12}\text{R}^{13}$, where R^{12} and R^{13} are independently selected from hydrogen and $-\text{C}_{1-6}\text{alkyl}$, and where R^{10} and R^{11} may be joined to form an azetidiny ring,

(c) $-\text{C}_{3-6}\text{cycloalkyl}$, which is unsubstituted or substituted with hydroxy, 1-6 fluoro or $-\text{NR}^{12}\text{R}^{13}$,

(d) benzyl,

(e) phenyl, and

(11) $-\text{CONR}^{10}\text{R}^{11}$;

R^2 is selected from the group consisting of:

(1) phenyl, which is substituted with R^{2a} , R^{2b} and R^{2c} ,

(2) heterocycle, which is substituted with R^{2a} , R^{2b} and R^{2c} ,

~~(3) $-\text{C}_{1-6}\text{alkyl}$, which is unsubstituted or substituted with 1-6 halogen, hydroxy, $-\text{NR}^{10}\text{R}^{11}$, phenyl or heterocycle, where the phenyl or heterocycle is substituted with R^{2a} , R^{2b} and R^{2c} , and~~

~~(3)(4) $-\text{C}_{3-6}\text{cycloalkyl}$, which is unsubstituted or substituted with 1-6 halogen, hydroxy or $-\text{NR}^{10}\text{R}^{11}$, and~~

~~(5) $-\text{C}_{1-6}\text{alkyl}$ ($-\text{C}_{3-6}\text{cycloalkyl}$), which is unsubstituted or substituted with 1-6 halogen, hydroxy or $-\text{NR}^{10}\text{R}^{11}$;~~

R^{2a} , R^{2b} and R^{2c} are independently selected from the group consisting of:

(1) hydrogen,

(2) halogen,

(3) $-\text{C}_{1-6}\text{alkyl}$, which is unsubstituted or substituted with:

(a) 1-6 halogen,

(b) phenyl,

- (c) C₃₋₆cycloalkyl, or
- (d) -NR¹⁰R¹¹,
- (4) -O-C₁₋₆alkyl, which is ~~unsubstituted~~ or substituted with 1-6 halogen,
- (5) hydroxy,
- (6) -SCF₃,
- (7) -SCHF₂,
- (8) -SCH₃,
- (9) -CO₂R⁹,
- (10) -CN,
- (11) -SO₂R⁹,
- (12) -SO₂-NR¹⁰R¹¹,
- (13) -NR¹⁰R¹¹,
- (14) -CONR¹⁰R¹¹, and
- (15) -NO₂;

R³ is ~~selected from the group consisting of:~~

- ~~(1) C₁₋₆alkyl, which is unsubstituted or substituted with 1-6 halogen, hydroxyl, -NR¹⁰R¹¹, or heterocycle, which is substituted with R^{2a}, R^{2b} and R^{2c};~~
- ~~(2) C₃₋₆cycloalkyl, which is unsubstituted or substituted with 1-6 halogen, hydroxyl or -NR¹⁰R¹¹;~~
- ~~(3) C₁₋₆alkyl (C₃₋₆cycloalkyl), which is unsubstituted or substituted with 1-6 halogen, hydroxy or -NR¹⁰R¹¹, and~~
- ~~(4) -NR¹⁰R¹¹, and~~
- ~~(5) heterocycle, which is substituted with R^{2a}, R^{2b} and R^{2c};~~

R⁴ and R⁵ are independently selected from the group consisting of:

- (1) hydrogen, and
 - (2) C₁₋₆alkyl, which is unsubstituted or substituted with halogen or hydroxyl,
- or R⁴ and R⁵ taken together form a C₃₋₆cycloalkyl ring;

R⁶ is selected from the group consisting of:

- (1) hydrogen, and
- (2) C₁₋₆alkyl;

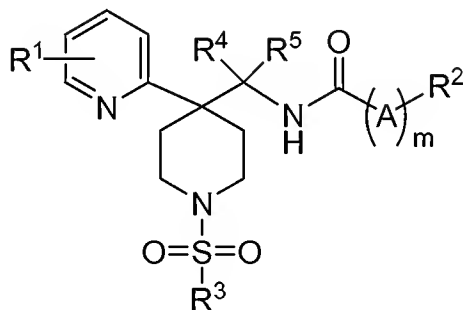
W, X, Y and Z are independently selected from C or N, with the proviso that at least two of W, X, Y and Z are C, to form a pyridine, oxo-dihydropyridine, pyridazine, pyrimidine, pyrazine, 1,2,4-triazine or 1,3,5-triazine ring;

A is selected from the group consisting of:

- (1) -O-, and
- (2) -NR¹⁰-;

m is zero ~~or one~~, whereby ~~when m is zero~~ R² is attached directly to the carbonyl; and pharmaceutically acceptable salts thereof.

2. (original) The compound of Claim 1 of the formula Ia:



or a pharmaceutically acceptable salt thereof.

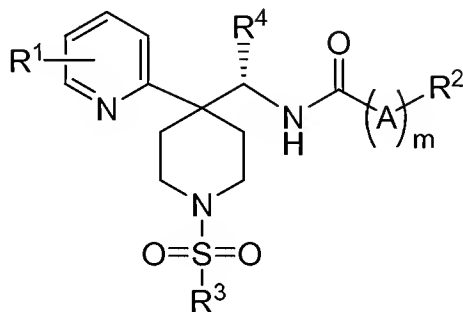
3. (original) The compound of Claim 1 wherein R¹ is selected from the group consisting of:

- (1) hydrogen,
- (2) C₁₋₃alkyl,
- (3) fluoro,
- (4) -CF₃,

- (5) -morpholinyl, and
- (6) -O-C₁₋₃alkyl.

4. (Original) The compound of Claim 3 wherein R¹ is hydrogen or methyl.

5. (Original) The compound of Claim 1 of the formula Ib:



Ib

wherein R⁴ is C₁₋₆alkyl; or a pharmaceutically acceptable salt thereof or an individual enantiomer or diastereomer thereof.

6. (Original) The compound of Claim 1 wherein R⁴ is C₁₋₃alkyl and R⁵ is hydrogen or C₁₋₃alkyl.

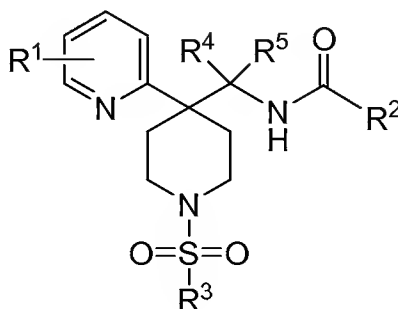
7. (Original) The compound of Claim 6 wherein R⁴ is C₁₋₃alkyl in the (S) configuration and R⁵ is hydrogen.

8. (Original) The compound of Claim 6 wherein R⁴ is methyl and R⁵ is hydrogen.

9. (Withdrawn) The compound of Claim 1 wherein R⁴ is methyl and R⁵ is methyl.

10. (Original) The compound of Claim 1 wherein R⁴ is hydrogen and R⁵ is hydrogen.

11. (Original) The compound of Claim 1 of the formula Ic:



Ic

or a pharmaceutically acceptable salt thereof.

12. (Currently Amended) The compound of Claim 1 wherein R² is selected from the group consisting of:

- (1) phenyl, which is substituted with R^{2a}, R^{2b} and R^{2c},
- (2) thienyl, which is substituted with R^{2a}, R^{2b} and R^{2c},
- ~~(3) C₁₋₈ alkyl, which is unsubstituted or substituted with 1-6 halogen, phenyl or~~
- ~~NR¹⁰R¹¹, where the phenyl is substituted with R^{2a}, R^{2b} and R^{2c},~~
- (3) (4) C₃₋₆cycloalkyl, which is unsubstituted or substituted with 1-6 halogen, hydroxy or -
- NR¹⁰R¹¹, and

R^{2a}, R^{2b} and R^{2c} are independently selected from the group consisting of:

- (1) hydrogen,
- (2) halogen,
- (3) -C₁₋₆alkyl,
- ~~(4) -O-C₁₋₆alkyl,~~
- ~~(4)~~(5) -CF₃,
- ~~(5)~~(6) -OCF₃,
- ~~(6)~~(7) -OCHF₂,

~~(7)(8)~~ -SCF₃,

~~(8)(9)~~ -SCHF₂, and

~~(9)(10)~~ -NH₂.

13. (Currently Amended) The compound of Claim 12 wherein R² is phenyl or thienyl and R^{2a}, R^{2b} and R^{2c} are independently selected from the group consisting of:

(1) hydrogen,

(2) halogen,

(3) -C₁₋₆alkyl,

~~(4) —O-C₁₋₆alkyl,~~

~~(4)(5)~~ -CF₃,

~~(5)(6)~~ -OCF₃,

~~(6)(7)~~ -OCHF₂,

~~(7)(8)~~ -SCF₃,

~~(8)(9)~~ -SCHF₂, and

~~(9)(10)~~ -NH₂.

14. (Currently Amended) The compound of Claim 13 wherein R² is phenyl and R^{2a}, R^{2b} and R^{2c} are independently selected from the group consisting of:

(1) hydrogen,

(2) fluoro,

(3) chloro,

(4) bromo,

~~(5) —OCH₃,~~

~~(5)(6)~~ -CF₃, and

~~(6)(7)~~ -NH₂.

15 to 17. (canceled)

18. (Currently Amended) The compound of Claim 1 wherein R³ is selected from C₁₋₆alkyl[[,]] and C₁₋₆alkyl-fluoro, ~~C₃₋₆cycloalkyl, C₁₋₆alkyl-cyclopropyl, NH(C₁₋₆alkyl), N(C₁₋₆alkyl)(C₁₋₆alkyl) or azediny, which is unsubstituted or substituted with fluoro.~~

19. (Original) The compound of Claim 18 wherein R³ is -CH₂CH₃.

20. (Withdrawn) The compound of Claim 18 wherein R³ is -(CH₂)₂CH₃.

21. (Canceled)

22. (Currently Amended) A compound which is selected from the group consisting of:

2-chloro-3,6-difluoro-N-{[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl} benzamide;
2,4-dichloro-N-{[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2,4-dichloro-N-{(1S)-1-[1-(ethylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl} benzamide;
2-chloro-3,6-difluoro-N-{1-methyl-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl} benzamide;
2-chloro-N-{[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl} benzamide;
2,6-dichloro-N-{[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl}-benzamide;
2-bromo-N-{[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl} benzamide;
2,4-dichloro-N-{[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl} benzamide;
2-chloro-6-fluoro-N-{[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl} benzamide;
2-amino-6-chloro-N-{[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl} benzamide;
2-fluoro-6-methoxy-N-{[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl} benzamide;
2-chloro-N-{[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2-fluoro-N-{[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl}-6-(trifluoromethyl)benzamide;
2,6-difluoro-N-{[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;

2-chloro-6-fluoro-N- {[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2,6-dichloro-N- {[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2-chloro-3,6-difluoro-N- {[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2-chloro-4-fluoro-N- {[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
4-chloro-2-fluoro-N- {[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2,4-dichloro-N- {[4-(4-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide
2,4-dichloro-N- {[1-(methylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl]methyl} benzamide;
2,4-dichloro-N- {[1-(isopropylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl]methyl} benzamide
2,4-dichloro-N- {[1-(ethylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl]methyl} benzamide;
~~2,4-dichloro-N- {[1-(cyclopropylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl]methyl} benzamide;~~
2,4-dichloro-N- {[1-(propylsulfonyl)-4-pyridin-3-yl]piperidin-4-yl]methyl} benzamide;
2,6-dichloro-N- {[1-(propylsulfonyl)-4-pyridin-3-yl]piperidin-4-yl]methyl} benzamide
2,4-dichloro-N- {[1-(propylsulfonyl)-4-pyridin-4-yl]piperidin-4-yl]methyl} benzamide;
2-chloro-6-fluoro-N- {[1-(propylsulfonyl)-4-pyridin-4-yl]piperidin-4-yl]methyl} benzamide;
~~2,4-dichloro-N- {[1-[(dimethylamino)sulfonyl]-4-pyridin-2-yl]piperidin-4-yl]methyl} benzamide;~~
4,4,4-trifluoro-3-methyl-N- {[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} butanamide;
2-chloro-6-fluoro-N- {[4-(6-morpholin-4-ylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2,4-dichloro-N- {[4-(6-morpholin-4-ylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2,4,5-trifluoro-N- {[4-(6-methoxypyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2,4-dichloro-5-fluoro-N- {[4-(6-methoxypyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
N- {[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} cyclohexanecarboxamide;
~~2-chloro-N- {[1-(cyclopropylsulfonyl)-4-(6-methylpyridin-2-yl)]piperidin-4-yl]methyl}-3,6-difluorobenzamide;~~
N- {[1-(ethylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl]methyl}-2,4-difluorobenzamide;
N-(sec-butyl)-N'- {[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl]methyl} urea;

~~N-(4-bromophenyl)-N'-{[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl}urea;~~
~~3-fluorobenzyl {[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl}carbamate;~~
~~2-chlorobenzyl {[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}methyl}carbamate;~~
~~2,4-dichloro-N-{1-methyl-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}benzamide;~~
~~2-chloro-3,6-difluoro-N-{1-methyl-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}benzamide;~~
~~N-{1-methyl-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}-2-(trifluoromethoxy)benzamide;~~
~~2,4-dichloro-N-{1-methyl-1-[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]ethyl}benzamide;~~
~~2-chloro-3,6-difluoro-N-{1-methyl-1-[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]ethyl}benzamide;~~
~~2,4-dichloro-N-{(1S)-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}benzamide;~~
~~2-chloro-3,6-difluoro-N-{(1S)-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}benzamide;~~
~~2,4-dichloro-N-{(1S)-1-[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]ethyl}benzamide;~~
~~2-chloro-3,6-difluoro-N-{(1S)-1-[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]ethyl}benzamide;~~
~~4,4,4-trifluoro-3-methyl-N-{(1S)-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}butanamide;~~
~~N-{(1S)-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}thiophene-3-carboxamide;~~
~~N-{(1S)-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}cyclopentane-carboxamide;~~
~~N-{(1S)-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}cyclohexane-carboxamide;~~
~~2-ethyl-N-{(1S)-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}butanamide;~~
~~2-methyl-N-{(1S)-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl}ethyl}butanamide;~~
~~3,3,3-trifluoro-N-{(1S)-1-[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]ethyl}propanamide;~~
~~2,5-dichloro-N-{(1S)-1-[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]ethyl}thiophene-3-carboxamide;~~
~~4-bromo-N-{(1S)-1-[4-(6-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]ethyl}thiophene-3-carboxamide;~~

2,5-dichloro-N-((1S)-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl)ethyl} thiophene-3-carboxamide;
4-bromo-N-((1S)-1-[1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl)ethyl} thiophene-3-carboxamide;
2-chloro-N-([1-(propylsulfonyl)-4-pyrimidin-4-yl]piperidin-4-yl)methyl} benzamide;
2,4-dichloro-N-([1-(propylsulfonyl)-4-pyrimidin-4-yl]piperidin-4-yl)methyl} benzamide;
2-chloro-3,6-difluoro-N-([1-(propylsulfonyl)-4-pyrimidin-4-yl]piperidin-4-yl)methyl} benzamide;
2,4-dichloro-5-fluoro-N-([1-(propylsulfonyl)-4-pyrimidin-4-yl]piperidin-4-yl)methyl} benzamide;
2-chloro-N-((1S)-1-[1-(ethylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl)ethyl} benzamide;
2-chloro-N-((1S)-1-[1-(ethylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl)ethyl}-3,6-difluorobenzamide;
2-chloro-N-((1S)-1-[1-(ethylsulfonyl)-4-(6-methylpyridin-2-yl)piperidin-4-yl]ethyl)-3,6-difluorobenzamide;
2,4-dichloro-N-((1S)-1-[1-(ethylsulfonyl)-4-(6-methylpyridin-2-yl)piperidin-4-yl]ethyl} benzamide;
2,4-dichloro-N-([1-methyl-1-[1-(azetidinesulfonyl)-4-pyridin-2-yl]piperidin-4-yl]ethyl} benzamide;
~~2,4-dichloro-N-([1-methyl-1-[1-(3-fluoroazetidinesulfonyl)-4-pyridin-2-yl]piperidin-4-yl]ethyl} benzamide;~~
~~2,4-dichloro-N-([1-methyl-1-[1-(3-fluoroazetidinesulfonyl)-4-pyridin-2-yl]piperidin-4-yl]ethyl} benzamide;~~
~~2,4-dichloro-N-([1-methyl-1-[1-(azetidinesulfonyl)-4-(3-fluoropyridin-2-yl]piperidin-4-yl]ethyl} benzamide;~~
~~2,4-dichloro-N-([1-methyl-1-[1-(ethylaminosulfonyl)-4-pyridin-2-yl]piperidin-4-yl]ethyl} benzamide;~~
~~2,4-dichloro-N-([1-[(ethylamino)sulfonyl]-4-(3-fluoropyridin-2-yl)piperidin-4-yl]methyl} benzamide;~~
~~2,4-dichloro-N-([1-[1-(ethylaminosulfonyl)-4-pyridin-2-yl]piperidin-4-yl]ethyl} benzamide;~~
~~2,4-dichloro-N-([1-[1-(ethylaminosulfonyl)-4-(3-fluoropyridin-2-yl]piperidin-4-yl]ethyl} benzamide;~~
2,4-dichloro-N-([4-(3-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2,4-dichloro-N-((1-(propylsulfonyl)-4-[6-(trifluoromethyl)pyridin-2-yl]piperidin-4-yl)methyl} benzamide;
~~2,4-dichloro-N-([1-[(cyclopropylmethyl)sulfonyl]-4-(3-methylpyridin-2-yl)piperidin-4-yl]methyl} benzamide;~~
2,4-dichloro-N-((1-(propylsulfonyl)-4-[4-(trifluoromethyl)pyridin-2-yl]piperidin-4-yl)methyl} benzamide;

2,4-dichloro-N- {[4-(3-chloropyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2,4-dichloro-N- {[4-(3-methoxypyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
2-chloro-N- {[4-(3-chloropyridin-2-yl)-1-(ethylsulfonyl)piperidin-4-yl]methyl} -3,6-difluorobenzamide;
~~2,4-dichloro-N- {[1-[(cyclopropylmethyl)sulfonyl]-4-pyridin-2-yl]piperidin-4-yl]methyl} benzamide;~~
~~methyl [(4- {[[(2,4-dichlorobenzoyl)amino]methyl}-4-pyridin-2-yl]piperidin-1-yl)sulfonyl]acetate;~~
2,4-dichloro-N- {[1-(ethylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl]methyl} benzamide;
2,4-dichloro-N- {[1-(propylsulfonyl)-4-pyrazin-2-yl]piperidin-4-yl]methyl} benzamide;
2,4-dichloro-N-(1-{1-[(3-fluoropropyl)sulfonyl]-4-pyridin-2-yl]piperidin-4-yl} ethyl) benzamide;
2,4-dichloro-N-({1-[(3-fluoropropyl)sulfonyl]-4-pyridin-2-yl]piperidin-4-yl} methyl) benzamide;
2,4-dichloro-N- {[1-[(3-fluoropropyl)sulfonyl]-4-(3-fluoropyridin-2-yl)piperidin-4-yl]methyl} benzamide;
~~2,4-dichloro-N- {[1-[(cyclopropylmethyl)sulfonyl]-4-(3-fluoropyridin-2-yl)piperidin-4-yl]methyl} benzamide;~~
2,4-dichloro-N- {[4-(3-fluoropyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
~~2-chloro-3,5-difluoro-N- {[1-[(cyclopropylmethyl)sulfonyl]-4-(3-fluoropyridin-2-yl)piperidin-4-yl]methyl} benzamide;~~
~~2,4-dichloro-5-fluoro-N- {[1-[(cyclopropylmethyl)sulfonyl]-4-(3-fluoropyridin-2-yl)piperidin-4-yl]methyl} benzamide;~~
2,4-dichloro-N- {1-[4-(3-fluoropyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]ethyl} benzamide;
2,4-dichloro-N- {[4-(6-trifluoromethylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]methyl} benzamide;
4-bromo-2-chloro-N- {[1-(ethylsulfonyl)-4-(3-fluoropyridin-2-yl)- piperidin-4-yl]methyl} benzamide;
~~N-(3-fluorobenzyl) N'- {[1-(propylsulfonyl)-4-(6-trifluoromethylpyridin-2-yl)piperidin-4-yl]methyl} urea;~~
2,4-dichloro-N- {1-[1-(ethylsulfonyl)-4-(3-fluoropyridin-2-yl)- piperidin-4-yl]ethyl} benzamide;
2-bromo-4-fluoro-N- {[1-(ethylsulfonyl)-4-(3-fluoropyridin-2-yl)- piperidin-4-yl]methyl} benzamide;
2-chloro-3,6-difluoro-N- {[1-(ethylsulfonyl)-4-(3-fluoropyridin-2-yl)- piperidin-4-yl]methyl} benzamide;
2,4-dichloro-N- {[1-(ethylsulfonyl)-4-(3-trifluoromethylpyridin-2-yl)- piperidin-4-yl]methyl} benzamide;

2,4-dichloro-N-({1-[(3-fluoropropyl)sulfonyl]-4-(3-trifluoromethylpyridin-2-yl)piperidin-4-yl)methyl}benzamide;
2,4,6-trifluoro-N-{{1-(ethylsulfonyl)-4-(3-trifluoromethylpyridin-2-yl)-piperidin-4-yl)methyl}benzamide;
~~N-(sec-butyl)-N'-{{1-(propylsulfonyl)-4-(6-trifluoromethylpyridin-2-yl)piperidin-4-yl)methyl}urea;~~
2,4-dichloro-N-{{1-(ethylsulfonyl)-4-(3-trifluoromethylpyridin-2-yl)-piperidin-4-yl)methyl}benzamide;
2,4-dichloro-N-{{1-[4-(3-methylpyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl]ethyl}benzamide;
N-{{4-(3-bromopyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl)methyl}-2,4-dichlorobenzamide;
2,4-dichloro-N-{{4-(6-fluoropyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl)methyl}benzamide;
2,4-dichloro-N-{{4-(6-chloropyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl)methyl}benzamide;
2,4-dichloro-N-{{4-(6-oxo-1,6-dihydropyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl)methyl}benzamide;
2,4-dichloro-N-{{4-(3-hydroxypyridin-2-yl)-1-(propylsulfonyl)piperidin-4-yl)methyl}benzamide;
2,4-dichloro-N-{{[(2[R,S],4[S,R])-2-methyl-1-(propylsulfonyl)-4-pyridin-2-yl]piperidin-4-yl)methyl}benzamide;
2,4-dichloro-N-({1-(ethylsulfonyl)-4-[3-(trifluoromethyl)pyridin-2-yl]piperidin-4-yl)methyl}benzamide;
or a pharmaceutically acceptable salt thereof.

23. (Original) A pharmaceutical composition which comprises a pharmaceutically acceptable carrier and a compound of Claim 1 or a pharmaceutically acceptable salt thereof.

24. (Withdrawn) A method for inhibiting the glycine transporter GlyT1 in a mammal in need thereof which comprises the administration of an effective amount of the compound of Claim 1 or a pharmaceutically acceptable salt thereof.

25. (Withdrawn) A method for the manufacture of a medicament for inhibiting the glycine transporter GlyT1 in a mammal in need thereof comprising combining the compound of Claim 1 or a pharmaceutically acceptable salt thereof with a pharmaceutical carrier or diluent.

26. (Withdrawn) A method for treating a neurological and psychiatric disorders associated with glycinergic or glutamatergic neurotransmission dysfunction in a mammalian patient in need thereof which comprises administering to the patient a therapeutically effective amount of a compound of Claim 1 or a pharmaceutically acceptable salt thereof.

27. (Withdrawn) A method for treating schizophrenia in a mammalian patient in need thereof which comprises administering to the patient a therapeutically effective amount of a compound of Claim 1 or a pharmaceutically acceptable salt thereof.